



**FOR IMMEDIATE RELEASE**

## **Reverb Networks Awarded Patent for SON-based Interference Detection Advanced Techniques Used in Automated SON Solutions**

**Sterling, Virginia** (September 6, 2012) – Reverb Networks, a leading developer of intelligent Self-Optimizing Network solutions designed to provide mobile network operators with improved operational and spectral efficiencies, announced today that it has received a patent award from the US Patent and Trademark Office for automated interference detection techniques using measurements from mobile devices, a key component of SON-based network optimization for UMTS and LTE wireless networks.

Reverb's interference detection patent, USPTO number 8,229,363, follows the Minimization of Drive Test (MDT) principle identified in emerging 3GPP technical specifications. Interference sources are typically identified in mobile networks by using test mobiles and receivers in an orchestrated drive test setting, a process that is both time consuming and labor intensive. Motivated by the MDT principles of automating data collection from OSS and standard device-based measurements, Reverb's intellectual property outlines a method of identifying and ranking interference sources. These techniques are incorporated in the Interference Reduction feature of Reverb's IntelliSON<sup>®</sup>, a fully automated, closed-loop SON solution.

"The interference detection patent award bolsters Reverb's IPR portfolio in SON technology," said Magnus Friberg, CEO. "This award, combined with our other issued and pending patents, demonstrates Reverb's unique technology for automating network optimization with our IntelliSON platform. We will continue to drive innovation in SON technology as we further deploy our leading edge solutions in 3G and 4G networks worldwide."

### **About Reverb Networks**

Reverb Networks is a pioneering provider of automated, continuous and antenna-based Self-Optimizing Networks (SON) solutions. Reverb's IntelliSON enhances networks of Mobile Network Operators through frequent and proactive self-optimization that improves network coverage and capacity and increases spectral efficiencies. In partnership with Reverb Networks, operators can maximize the performance of their wireless network automatically and efficiently, resulting in lower OpEx and CapEx. Reverb's

SON applications include for Load Balancing, Interference Reduction and Self-Healing for both UMTS and LTE network technologies.

Headquartered in the United States, Reverb Networks has presence in the Americas, Europe, Middle East, and Asia, and offers support across the globe. For more information, visit [www.reverbnetworks.com](http://www.reverbnetworks.com).

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